

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Lawrence J. Karr	Examiner:	Duc M. Nguyen
Serial No.:	10/713,625	Group Art Unit:	2618
Filed:	November 13, 2003	Docket No.:	50037.0065USD2
Title:	SYSTEM AND APPARATUS FOR PERFORMING BROADCAST AND LOCALCAST COMMUNICATIONS		

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Microsoft Corporation, a corporation organized and existing under the laws of the State of Washington, having a place of business at One Microsoft Way, Redmond, Washington, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. An assignment from the inventor(s), of the patent application identified above.

The assignment was recorded in the Patent and Trademark Office on May 28, 2002, at Reel 012925, Frame(s) 0001, or for which a copy is attached.

B. A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:

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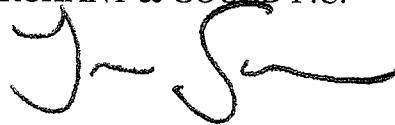
- Additional documents in the chain of title are listed on a supplemental sheet.
- Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

MERCHANT & GOULD P.C.



Timothy P. Sullivan
Reg. No. 47,981
Direct Dial 206.342.6254

